

87394-3

5/16/2013

Page 1 of 6



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Kimberly Hensley, Agent for
Dyna-Gro
C/o Environmental Solutions Group
1415 L Street, Suite 460
Sacramento, CA 95814-3964

MAY 16 2013

Subject: Label Amendment
K-L-N Rooting Concentrate
EPA Reg. No. 87394-3; Decision #478817
Your Submission Dated April 29, 2013

Dear Ms. Hensley:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended to add a bullet item clarifying that this product can help to repair damaged roots, to add the registrant's website address and to redesign the label format per PR Notice 98-10.IV.E has been reviewed and found acceptable.

A copy of the label stamped "accepted" is enclosed.

Submit one copy of your final printed labeling before you release the product for shipment.

If you have any questions regarding this correspondence, contact Rose Kearns of my staff by phone at 703-305-5611 or via email at kearns.rosemary@epa.gov or myself at 703-308-9443 or via email at kish.tony@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Rose Kearns" followed by a stylized flourish.

Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7504P)

Enclosure

ACCEPTED
 MAY 16 2013
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 87394-3

276

DYNA-GRO™
The Nutrition Solution®
K-L-N
Rooting Concentrate

ACTIVE INGREDIENTS:

Indole-3-butyric acid	0.07%
1-Naphthaleneacetic acid	0.10%
OTHER INGREDIENTS	<u>99.83%</u>
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye • Call a poison control center or doctor for treatment advice
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by the poison control center or doctor • Do not give anything by mouth to an unconscious person
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible • Call a poison control center or doctor for further treatment advice
NOTE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through the skin. Causes moderate eye irritation.
 Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

[commercial and residential sizes: 8 oz., 1 quart, & 1 gallon]
 [commercial ONLY size: 5 gallons]

Manufactured by:
 DYNA-GRO™
 2775 Giant Road
 Richmond, CA 94806
 800-DYNA-GRO – Made in USA
 www.dyna-gro.com
 Rev 050713

Not for sale or use after: _____
 [one year from the date of batch manufacturing]

EPA Reg. No.: 87394-3

EPA Est. No.: 87394-CA

Net. Wt. 8 oz. / 226 g (8 fl. oz.)

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

All mixers, applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Protective eyewear;
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile-rubber, neoprene rubber, polyvinyl chloride or viton; and
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
Users should remove PPE immediately after handling this product, and as soon as possible, wash thoroughly and change into clean clothing.
Users should wash the outside of gloves before removing.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is for use in Greenhouses, Plant Nurseries, Shade houses, and Lath houses.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontaminations, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of the product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

Preparation of Cuttings: Select 3-6 inch cuttings from the new growth on vigorous, disease free plants. Using a sharp knife or razor blade, sever the cutting from the parent plant by cutting through the stem at a 45° angle. Do not use shears which crush the tissue. Place stems only in **K-L-N Concentrate**, diluted 1-3 tsp/gallon of water. Callus formation should start in 7-10 days with roots soon after.

Oasis cubes, sand, Rockwool, vermiculite, etc.: Soak the cutting in **K-L-N** diluted at a rate of 1 tbs/gallon of water for 10-15 minutes then place in growing medium, using nonmetallic containers only, and water to saturation with **K-L-N** diluted at a rate of 1-2 tsp/gallon of water. For hard to root cuttings use 1 tbs **K-L-N** per gallon of water or Dyna-Gro Root Gel®.

Mist Propagation: Mix 1/2 tsp **K-L-N** and 1 tsp Dyna-Gro Pro-TeKt® per gallon of water and add to the system's holding tank. Keep the cutting moist at all times.

Air Rooting: Dilute **K-L-N** at a rate of 1 tbs/gal of water. Saturate medium and place into cut on plant stem. Cover with opaque plastic or foil. Keep moist with diluted **K-L-N** solution until adequate roots form.

Transplanting & Dividing Plants: Drench newly potted or transplanted plants with a solution of 1 tsp **K-L-N**, 1 tsp Pro-TeKt® and 1 tsp of any Dyna-Gro plant food per gallon of water. Continue applications of **K-L-N** until plant is established in the new medium. This will insure vigorous and healthy new growth.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store at or below 70°F (21°C). Keep out of direct sunlight. Store in a cool, dry place out of the reach of children. Protect from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use, according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse empty container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

(for nonrefillable < 5 gallons) Fill the empty container 1/4 full with water and recap. Shake for 10 seconds. Store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

(for nonrefillable ≥ 5 gallons) Fill the empty container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Store the rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

[Optional Marketing language]

- [Promotes vigorous root growth]
- [Helps overcome transplant shock]
- [Improves propagation of plant cuttings]
- [Revitalizes Damaged or Poor Root Systems]

CO:

Warranty

To the extent consistent with applicable law, the Seller's and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. To the extent consistent with applicable law, neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or indirect, arising out of the use of this product.

For more information on product content, associated hazards and personal protection requirements, Material Safety Data Sheets (MSDS) are available by calling 800.396.2476.

{RESIDENTIAL/HOMEOWNER PRODUCT LABEL LANGUAGE}

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.
Do not contaminate water when disposing of equipment wash waters.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below.

If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

All handlers must wear:

- Long-sleeved shirt and long pants;
- Protective eyewear;
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile-rubber, neoprene rubber, polyvinyl chloride or viton; and
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water.
Keep and wash PPE separately from other laundry.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is for use in Greenhouses, Plant Nurseries, Shade houses, and Lath houses.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

Preparation of Cuttings: Select 3-6 inch cuttings from the new growth on vigorous, disease free plants. Using a sharp knife or razor blade, sever the cutting from the parent plant by cutting through the stem at a 45° angle. Do not use shears which crush the tissue. Place stems only in **K-L-N Concentrate**, diluted 1-3 tsp/gallon of water. Callus formation should start in 7-10 days with roots soon after.

Oasis cubes, sand, Rockwool, vermiculite, etc.: Soak the cutting in **K-L-N** diluted at a rate of 1 tbs/gallon of water for 10-15 minutes then place in growing medium, using nonmetallic containers only, and water to saturation with **K-L-N** diluted at a rate of 1-2 tsp/gallon of water. For hard to root cuttings use 1 tbs **K-L-N** per gallon of water or Dyna-Gro Root Gel®.

Mist Propagation: Mix 1/2 tsp **K-L-N** and 1 tsp Dyna-Gro Pro-TeKt® per gallon of water and add to the system's holding tank. Keep the cutting moist at all times.

Air Rooting: Dilute **K-L-N** at a rate of 1 tbs/gal of water. Saturate medium and place into cut on plant stem. Cover with opaque plastic or foil. Keep moist with diluted **K-L-N** solution until adequate roots form.

Transplanting & Dividing Plants: Drench newly potted or transplanted plants with a solution of 1 tsp **K-L-N**, 1 tsp Pro-TeKt® and 1 tsp of any Dyna-Gro plant food per gallon of water. Continue applications of **K-L-N** until plant is established in the new medium. This will insure vigorous and healthy new growth.

676

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store at or below 70°F (21°C). Keep out of direct sunlight. Store in a cool, dry place out of the reach of children. Protect from freezing.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse empty container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Warranty

To the extent consistent with applicable law, the Seller's and manufacturer's only obligation shall be to replace such quantity of the product proven to be defective. To the extent consistent with applicable law, neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or indirect, arising out of the use of this product.

For more information on product content, associated hazards and personal protection requirements, Material Safety Data Sheets (MSDS) are available by calling 800.396.2476.